| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| AWS (Amazon Web Services) | $34,768 | Q7.Other | |
| Potassium channels as therapeutic targets in autism | $60,000 | Q2.S.D | Administrators of the Tulane Educational Fund |
| 45th Annual Meeting | $0 | Q7.K | American Society for Neurochemistry |
| Rescuing synaptic and circuit deficits in an Angelman syndrome mouse model | $60,000 | Q2.S.D | Arizona Board of Regents, University of Arizona |
| Bridging Basic Research with Clinical Research with the Aim of Discovering Biomarkers for Autism | $0 | Q1.L.A | Autism Consortium |
| Building awareness of the value of brain tissue donation for autism research | $90,165 | Q2.S.C | Autism Science Foundation |
| Multisensory processing in autism | $0 | Q2.Other | Baylor College of Medicine |
| Hippocampal mechanisms of social learning in animal models of autism | $62,500 | Q2.Other | Baylor College of Medicine |
| Motor cortex plasticity in MeCP2 duplication syndrome | $30,000 | Q2.S.D | Baylor College of Medicine |
| Simons Variation in Individuals Project (VIP) Site | $0 | Q2.S.G | Baylor College of Medicine |
| Simons Simplex Collection support grant | $5,983 | Q3.L.B | Baylor College of Medicine |
| In Vivo Functional Analysis of Autism Candidate Genes | $123,750 | Q4.S.B | Baylor College of Medicine |
| Mechanical characterization of brain tissue and individual neurons in Autism Spectrum Disorders | $0 | Q2.Other | Boston Children's Hospital |
| Probing synaptic receptor composition in mouse models of autism | $124,998 | Q2.S.D | Boston Children's Hospital |
| Simons Variation in Individuals Project (VIP) Site | $245,108 | Q2.S.G | Boston Children's Hospital |
| Treating autism and epileptic discharges with valproic acid | $24,650 | Q4.S.A | Boston Children's Hospital |
| Rhode Island population and genetics study of autism and intellectual disability | $608,303 | Q7.D | Bradley Hospital |
| Disrupted Homeostatic Synaptic Plasticity in Autism Spectrum Disorders. | $125,000 | Q2.Other | Brandeis University |
| Role of the 16p11.2 CNV in autism: genetic, cognitive and synaptic/circuit analyses | $0 | Q2.S.G | Broad Institute, Inc. |
| Pieces of the Puzzle: Uncovering the Genetics of Autism | $1,699,790 | Q3.L.B | Broad Institute, Inc. |
| Accelerating Autism Genetics via Whole Population Ascertainment in Denmark | $0 | Q3.L.B | Broad Institute, Inc. |
| Cellular models for autism de novo mutations using human stem cells | $125,000 | Q4.S.B | Broad Institute, Inc. |
| Linking genetic mosaicism, neural circuit abnormalities and behavior | $0 | Q2.S.D | Brown University |
| Use of High-throughput Splicing Assays to Prioritize Autism Gene Candidates | $62,500 | Q3.L.B | Brown University |
| Direct recording from autism brains | $0 | Q2.S.E | California Institute of Technology |
| Direct Recordings from the Brain in Autism | $60,000 | Q2.S.E | California Institute of Technology |
| A probiotic therapy for autism | $250,000 | Q4.Other | California Institute of Technology |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Analysis of autism-associated alleles in C. elegans | $108,061 | Q4.S.B | California Institute of Technology |
| SFARI Undergraduate Summer Research Program | $24,000 | Q7.K | California Institute of Technology |
| Unreliability of neuronal responses in mouse models of autism | $62,500 | Q2.Other | Carnegie Mellon University |
| Interactome perturbation by large-scale mutagenesis to find risk variants - Project 2 | $29,831 | Q3.Other | Carnegie Mellon University |
| Identification of genes responsible for a genetic cause of autism | $250,000 | Q2.Other | Case Western Reserve University |
| Biomarkers in Autism: Bridging Basic Research with Clinical Research | $13,947 | Q1.L.A | Children's Hospital Boston |
| Quantification of Learning Algorithm Performance to Inputs of Variable Complexity: Implications for Emotional Intelligence in Autism Spectrum Disorder | $15,791 | Q1.L.B | Children's Hospital Boston |
| Explore the pathogenic role of mTor signaling in chr16p11.2 microdeletion | $60,000 | Q2.Other | CHILDREN'S HOSPITAL OF LOS ANGELES |
| MEG/MRS Dose Response Study of STX209 in ASD | $59,903 | Q1.L.A | Children's Hospital of Philadelphia |
| Characterizing autism-related intellectual impairment and its genetic mechanisms | $0 | Q1.S.B | Children's Hospital of Philadelphia |
| Characterizing 22q11.2 abnormalities | $62,498 | Q2.S.D | Children's Hospital of Philadelphia |
| Neurobiological Correlates of Motor Impairment in Children with 16p11.2 | $0 | Q2.S.G | Children's Hospital of Philadelphia |
| Simons Variation in Individuals Project (Simons VIP) Functional Imaging Site and Structural Imaging/Phenotyping Site | $309,295 | Q2.S.G | Children's Hospital of Philadelphia |
| 2015 Asia Pacific Regional-IMFAR Meeting | $5,000 | Q7.K | Childrenís Hospital of Fudan University |
| Extracellular signal-related kinase biomarker development in autism | $0 | Q1.L.B | Cincinnati Children's Hospital |
| Clinical Research Associates | $3,750,000 | Q7.K | Clinical Research Associates |
| The intersection between habit and anxiety in a genetic model of autism | $62,500 | Q2.S.E | Cold Spring Harbor Laboratory |
| Genetic basis of autism | $4,000,000 | Q3.L.B | Cold Spring Harbor Laboratory |
| A novel window into ASD through genetic targeting of striosomes - Project 1 | $77,447 | Q4.S.B | Cold Spring Harbor Laboratory |
| 16p11.2: Defining the gene(s) responsible (grant 1) | $212,100 | Q4.S.B | Cold Spring Harbor Laboratory |
| Framework for genetic variants in phenotype rich family collections | $62,500 | Q7.E | Cold Spring Harbor Laboratory |
| Simons Variation in Individuals Project (VIP) Principal Investigator | $198,817 | Q2.S.G | Columbia University |
| Simons Variation in Individuals Project (VIP) Statistical Core Site | $242,046 | Q2.S.G | Columbia University |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Elucidating pathogenic mutations disrupting RNA regulation in autism | $225,000 | Q3.L.B | Columbia University |
| Identification and analysis of functional networks perturbed in autism | $250,000 | Q3.L.B | Columbia University |
| CII Autism Program: Maternal and child infection and immunity in ASD | $1,096,957 | Q3.S.E | Columbia University |
| Role of the hippocampal CA2 region in autism | $62,500 | Q4.S.B | Columbia University |
| Interactome perturbation by large-scale mutagenesis to find risk variants ñ Core | $97,702 | Q3.Other | Cornell University |
| Investigating the auditory attentional networks in Autism Spectrum Disorder | $0 | Q1.L.B | CUNY - Queens College |
| Mapping functional neural circuits that mediate social behaviors in autism | $62,500 | Q2.Other | Duke University |
| Understanding copy number variants associated with autism | $125,000 | Q4.S.B | Duke University |
| SCN2A mouse | $60,000 | Q4.S.B | Duke University |
| Dup15q Alliance's 2015 Scientific Meeting | $5,000 | Q7.K | Dup15q Alliance |
| CMA Genetic Testing: An Intervention for Parents of Children with Autism | $60,000 | Q1.S.D | East Carolina University |
| Simons Simplex Collection support grant | $8,800 | Q3.L.B | Emory University |
| Prenatal folic acid and risk for autism spectrum disorders | $127,476 | Q3.S.H | Emory University |
| 5-hydroxymethylcytocine-mediated epigenetic regulation in autism | $100,000 | Q3.S.J | Emory University |
| The role of UBE3A in autism: Is there a critical window for social development? | $54,450 | Q2.S.D | Erasmus University Medical Center |
| Environment-wide association study of autism | $125,000 | Q3.S.H | Erasmus University Medical Center |
| Fermi Research Alliance, LLC | $127,550 | Q7.Other | Fermi Research Alliance, LLC |
| Immune p38-alpha MAPK activation: Convergent mechanism linking autism models | $212,061 | Q2.S.A | Florida Atlantic University |
| Functional connectivity in monogenic mouse models of autism | $0 | Q4.S.B | Fondazione Istituto Italiano di Tecnologia |
| Foundation Associates | $750,000 | Q7.D | Foundation Associates |
| Consortium on Biomarker and Outcome Measures of Social Impairment for Use in Clinical Trials in Autism Spectrum Disorder | $0 | Q1.L.A | Foundation for the National Institutes of Health |
| Dissecting striatal circuit dynamics during repetitive behaviors in autism | $107,254 | Q4.S.B | FundaÁ„o D. Anna de Sommer Champalimaud e Dr. Carlos Montez Champalimaud |
| Pupillometry: A biomarker of the locus coeruleus and hyperfocused attention | $60,000 | Q1.L.B | Geisinger Clinic |
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| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site | $436,237 | Q2.S.G | Geisinger Clinic |
| Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes | $0 | Q2.S.G | Geisinger Clinic |
| Dysregulation of mTor/Tsc in 22q11DS Autism Model | $62,500 | Q2.S.D | GEORGE WASHINGTON UNIVERSITY |
| Disruption of Cortical Projection Neurons, Circuits, and Cognition in ASD | $244,881 | Q4.S.B | GEORGE WASHINGTON UNIVERSITY |
| Objective measures of social interactions via wearable cameras | $125,000 | Q1.L.C | Georgia Tech Research Corporation |
| 2014 GRC Molecular and Cellular Neurobiology Conference | $0 | Q7.K | Gordon Research Conferences |
| 2014 Neurobiology of Cognition: Circuits, Dynamics, Action and Perception Gordon Research Conference (GRC) | $0 | Q7.K | Gordon Research Conferences |
| 2014 GRC Fragile X and Autism-related Disorders | $0 | Q7.K | Gordon Research Conferences |
| 2015 Amygdala in Health and Disease Gordon Research Conference (GRC) | $3,000 | Q7.K | Gordon Research Conferences |
| Hansen Research Services LLC | $130,916 | Q1.S.B | Hansen Research Services LLC |
| Microglia in models of normal brain development, prenatal immune stress and genetic risk for autism | $100,000 | Q2.S.A | Harvard University |
| Simons Variation in Individuals Project (VIP) Imaging Analysis Site | $0 | Q2.S.G | Harvard University |
| Prosodic and pragmatic training in highly verbal children with autism | $0 | Q4.Other | Harvard University |
| Analysis of oxytocin function in brain circuits processing social cues | $125,000 | Q4.S.B | Harvard University |
| Optical imaging of circuit dynamics in autism models in virtual reality | $165,691 | Q4.S.B | Harvard University |
| Human Gene Editing and In Situ Sequencing of Neuronal Microcircuit Arrays | $125,000 | Q4.S.B | Harvard University |
| Discovery of regulatory variants underlying pediatric neurological disease | $0 | Q3.L.B | HudsonAlpha Institute for Biotechnology |
| Interactive Autism Network Core and Simons Simplex Collection Registry | $702,992 | Q7.C | HUGO W. MOSER RES INST KENNEDY KRIEGER |
| Multigenic basis for autism linked to 22q13 chromosomal region | $125,000 | Q2.S.D | Hunter College of the City University of New York (CUNY) jointly with Research Foundation of CUNY |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 1 | $19,952 | Q1.L.C | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI |
| Integrating large scale whole exome data with whole genome data | $0 | Q3.L.B | ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI |
| Illumina, Inc. | $0 | Q3.L.B | Illumina, Inc. |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Genomic profiling of autism families using whole-genome sequencing | $0 | Q3.L.B | Institut Pasteur |
| 2016 Biennial International Conference on Infant Studies | $5,000 | Q7.K | International Congress of Infant Studies |
| International Meeting for Autism Research (IMFAR) Support | $50,000 | Q7.K | International Society for Autism Research |
| Role of LIN28/let-7 axis in autism | $62,500 | Q2.Other | Johns Hopkins University |
| The Role of Glia in Fragile X Syndrome | $0 | Q2.S.D | Johns Hopkins University |
| Sequencing Female-enriched Multiplex Autism Families (FEMFs) | $0 | Q3.L.B | Johns Hopkins University |
| Understanding brain disorders related to the 15q11.2 chromosomal region | $250,000 | Q4.S.B | Johns Hopkins University |
| A new non-human primate model for studying communicative behaviors | $62,500 | Q4.S.B | Johns Hopkins University |
| Deep Brain Stimulation for Autistic Self-Injurious Behavior | $0 | Q4.S.B | Johns Hopkins University |
| ASD Family Biobank Program | $0 | Q3.L.B | Kaiser Foundation Research Institute |
| Accelerating autism research through the Interactive Autism Network | $546,402 | Q7.C | Kennedy Krieger Institute |
| A zebrafish model to identify epigenetic mechanisms relevant to autism | $0 | Q4.S.B | King's College London |
| Role of Caspr2 (CNTNAP2) in brain circuits - Project 1 | $0 | Q4.S.B | King's College London |
| Identifying autism-associated signaling pathways regulated by CHD8 in vivo | $62,500 | Q4.S.B | King's College London |
| Characterizing the severely affected autism population | $276,538 | Q7.C | Maine Medical Cetner Research Institute |
| Development of accelerated diffusion and functional MRI scans with real-time motion tracking for children with autism | $96,533 | Q1.L.B | Massachusetts General Hospital |
| Local functional connectivity in the brains of people with autism | $49,961 | Q2.L.B | Massachusetts General Hospital |
| Characterizing Sensory Hypersensitivities in Autism | $215,214 | Q2.L.B | Massachusetts General Hospital |
| Translational dysregulation in autism pathogenesis and therapy | $250,000 | Q2.S.D | Massachusetts General Hospital |
| Cryptic Genetic Causes of Autism | $141,719 | Q3.L.B | Massachusetts General Hospital |
| The tissue-specific transcriptome anatomy of 16p11.2 microdeletion syndrome | $0 | Q4.S.B | Massachusetts General Hospital |
| Molecular consequences of strong effect ASD mutations including 16p11.2 | $250,000 | Q4.S.B | Massachusetts General Hospital |
| Probing the neural basis of social behavior in mice | $0 | Q2.S.D | Massachusetts Institute of Technology |
| Synaptic pathophysiology of 16p11.2 model mice | $0 | Q4.S.B | Massachusetts Institute of Technology |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| The role of PTCHD1 in thalamic reticular nucleus function and ASD | $250,000 | Q4.S.B | Massachusetts Institute of Technology |
| A novel window into ASD through genetic targeting of striosomes - Core | $170,040 | Q4.S.B | Massachusetts Institute of Technology |
| The new Simons Center for the Social Brain | $4,596,514 | Q7.K | Massachusetts Institute of Technology |
| Simons Simplex Collection support grant | $10,000 | Q3.L.B | McGill University Health Centre- Montreal Children's Hospital |
| Functional analysis of EPHB2 mutations in autism | $62,475 | Q2.Other | McLean Hospital |
| GABA-A receptor subtypes as therapeutic targets in autism | $0 | Q4.Other | McLean Hospital |
| CNTNAP2 regulates production, migration and organization of cortical neurons | $62,500 | Q2.Other | Memorial Sloan-Kettering Cancer Center |
| Interacting with dynamic objects in Autism Spectrum Disorders | $28,346 | Q1.L.B | MGH Institute of Health Professions |
| Mindspec, Inc. | $869,028 | Q7.Other | Mindspec, Inc. |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 4 | $19,746 | Q1.L.C | Montefiore Medical Center |
| Speech Phenotype in 16p11.2 | $99,684 | Q2.S.G | Murdoch Childrens Research Institute |
| Annual SFARI  Meeting | $927,132 | Q7.K | N/A |
| SFARI Conferences, Workshops & Events | $210,033 | Q7.Other | N/A |
| Brain development and disorders EMBO Conference | $0 | Q7.K | Neurochlore |
| New York Genome Center, Inc. | $2,210,000 | Q3.L.B | New York Genome Center, Inc. |
| Reliability of sensory-evoked activity in autism | $0 | Q1.L.B | New York University |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 2 | $18,321 | Q1.L.C | New York University |
| Interneuron subtype-specific malfunction in autism spectrum disorders | $240,000 | Q2.Other | New York University |
| Role of a novel PRCI complex in neurodevelopment and ASD neurobiology | $225,000 | Q2.Other | New York University |
| Roles of pro-inflammatory Th17 cells in autism | $249,729 | Q2.S.A | New York University |
| Cortico-striatal dysfunction in the eIF4E transgenic mouse model of autism | $62,497 | Q2.S.D | New York University |
| Neural and cognitive discoordination in autism-related mouse models | $280,480 | Q2.S.D | New York University |
| Imaging markers of brain malformations in people with 16p11.2 alterations | $0 | Q2.S.G | New York University |
| Regulation of gene expression through complex containing AUTS2 | $93,908 | Q3.S.J | New York University |
| SFARI Undergraduate Summer Research Program | $24,893 | Q7.K | New York University |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Home-based system for biobehavioral recording of individuals with autism | $291,480 | Q4.Other | Northeastern University |
| Investigating the role of somatic mutations in autism spectrum disorders | $263,892 | Q3.L.B | OREGON HEALTH & SCIENCE UNIVERSITY |
| SFARI Undergraduate Summer Research Program | $12,480 | Q7.K | OREGON HEALTH & SCIENCE UNIVERSITY |
| Ortho-McNeil-Janssen Pharmaceuticals, Inc | $449,105 | Q7.C | Ortho-McNeil-Janssen Pharmaceuticals, Inc |
| Role of the CUL3-mediated ubiquitination pathway in autism | $0 | Q4.S.B | Portland State University |
| Assessing the Cognitive Deficits Associated with 16p11.2 Deletion Syndrome | $0 | Q2.S.G | Posit Science Corporation |
| Understanding somatosensory deficits in Autism Spectrum Disorder | $62,500 | Q2.Other | President and Fellows of Harvard College |
| Prometheus Research, LLC | $1,778,670 | Q7.N | Prometheus Research, LLC |
| PsychoGenics Inc. | $98,114 | Q4.S.B | PsychoGenics Inc. |
| Rapid drug discovery in genetic models of autism | $0 | Q4.S.B | Research Center of Centre hospitalier de l'UniversitÈ de MontrÈal |
| RNA dysregulation in autism | $125,000 | Q2.Other | ROCKEFELLER UNIVERSITY |
| Platform for autism treatments from exome analysis | $289,390 | Q2.S.E | ROCKEFELLER UNIVERSITY |
| Whole-exome sequencing to identify causative genes for autism | $134,203 | Q3.L.B | ROCKEFELLER UNIVERSITY |
| Top-down dynamics in autism | $105,000 | Q4.S.B | ROCKEFELLER UNIVERSITY |
| A mouse model of top-down interactions | $0 | Q4.S.B | ROCKEFELLER UNIVERSITY |
| A Web-Based Tool to Assess Social Cognition in ASD-Proejct 1 | $27,262 | Q1.L.C | Rush University |
| Rutgers, The State University of New Jersey | $819,581 | Q7.D | Rutgers University |
| Behavioral evaluation of a novel autism mouse model | $0 | Q4.S.B | Shriners Hospitals for Children - Northern California |
| A functional near-infrared spectroscopy study of first signs of autism | $61,232 | Q1.L.A | Stanford University |
| Decoding Affective Prosody and Communication Circuits in Autism | $281,028 | Q2.L.B | Stanford University |
| CLARITY: circuit-dynamics and connectivity of autism-related behavior | $246,539 | Q2.Other | Stanford University |
| Synergy between genetic risk and placental vulnerability to immune events | $250,874 | Q2.S.A | Stanford University |
| Sleep Disordered Breathing, Microparticles and Proinflammation in ASD | $60,000 | Q2.S.E | Stanford University |
| Randomized Controlled Pilot Trial of Pregnenolone in Autism | $0 | Q4.L.A | Stanford University |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Neuroligin function in the prefrontal cortex and autism pathogenesis | $250,000 | Q4.S.B | Stanford University |
| Biomarker discovery for low sociability: A monkey model | $62,500 | Q4.S.B | Stanford University |
| Detecting and Treating Social Impairments in a Monkey Model | $146,468 | Q4.S.B | Stanford University |
| Neural mechanisms of social reward in mouse models of autism | $249,994 | Q4.S.B | Stanford University |
| Chromatin remodeling in autism | $250,000 | Q4.S.B | Stanford University |
| Tempus Dynamics, LLC | $209,819 | Q7.N | Tempus Dynamics, LLC |
| Mouse Model of Dup15q Syndrome | $32,635 | Q2.S.D | Texas AgriLife Research |
| NMR/cyro-mMR Machine | $125,000 | Q7.P | Texas Children's Hospital |
| Neurobiology of Rai1, a critical gene for syndromic ASDs | $87,500 | Q2.S.D | The Board of Trustees of the Leland Stanford Junior University (Stanford) |
| Thompson Center Clinical Site Network Pilot for the National Autism Cohort | $37,500 | Q3.L.B | The Curators of the University of Missouri |
| Brain imaging of treatment response | $62,167 | Q4.S.B | The Hospital for Sick Children |
| An investigation of inductive learning in autism | $59,770 | Q2.Other | The Regents of the University of California, Berkeley |
| Comparison of cortical circuit dysfunction in ASD model mice | $62,500 | Q4.S.B | The Regents of the University of California, Berkeley |
| Parameterizing Neural Habituation in ASD with Sensory Overresponsivity | $62,479 | Q2.Other | The Regents of the University of California, Los Angeles |
| SFARI Undergraduate Summer Research Program | $25,000 | Q7.K | The Regents of the University of California, Los Angeles |
| Translational dysregulation of the RhoA pathway in autism | $125,605 | Q2.Other | The Regents of the University of California, San Diego |
| Illuminating the role of glia in a zebrafish model of Rett syndrome | $62,500 | Q2.S.D | The Regents of the University of California, San Diego |
| Brain Imaging and Cell Signaling: Insights into the Biology of Autism | $124,999 | Q1.L.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Delineating the role of Ras/MAPK signaling in 16p11.2 phenotypes | $125,000 | Q2.Other | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Validation of candidate ASD genes by targeted sequencing with molecular inversion probes | $101,258 | Q3.L.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Extending ASD risk locus discovery to the non-coding genome - Core | $0 | Q3.L.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Exploring the Intersection of Autism and Homeostatic Synaptic Plasticity | $60,000 | Q3.Other | The Regents of the University of California, San Francisco (Contracts & Grants) |
| Electrophysiological consequences of SCN2A mutations found in ASD | $60,000 | Q4.S.B | The Regents of the University of California, San Francisco (Contracts & Grants) |
| BAZ1B Haploinsufficiency and the Neuro-phenotypes of Williams Syndrome | $59,000 | Q2.S.D | The Regents of the University of California, Santa Barbara |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Expressive Language Sampling as an Outcome Measure in ASD | $124,985 | Q1.L.C | The Regents of the University of California (Davis) |
| A Web-Based Tool to Assess Social Cognition in ASD-Core | $32,696 | Q1.L.C | The Research Foundation of the State University of New York at Stony Brook |
| Autism, GI symptoms and the enteric microbiota | $0 | Q3.S.I | The Research Foundation of the State University of New York at Stony Brook |
| Impact of Pten mutations: brain growth trajectory and scaling of cell types | $60,000 | Q2.Other | The Scripps Research Institute |
| Neuronal translation in Tsc2+/- and Fmr1-/y mutant ASD mouse models | $62,500 | Q2.S.D | The Trustees of Columbia University in the City of New York |
| Extending ASD risk locus discovery to the non-coding genome - Project 1 | $0 | Q3.L.B | The Trustees of Columbia University in the City of New York |
| Uncovering the impact of 16p11.2del on neurons mediating motivated behavior | $124,957 | Q4.S.B | The Trustees of the University of Pennsylvania |
| SFARI Undergraduate Summer Research Program | $24,662 | Q7.K | The Trustees of the University of Pennsylvania |
| Developing Expressive Language Outcome Measures for ASD Clinical Trials | $124,199 | Q1.L.C | Trustees of Boston University |
| Circuit-level developmental and functional dynamics in an ASD genetic model | $0 | Q4.S.B | Univeristy of Queensland |
| MAGEL2, a candidate gene for autism and Prader-Willi syndrome | $105,977 | Q2.S.D | University of Alberta |
| Genomic influences on development and outcomes in infants at risk for autism | $0 | Q3.L.B | University of Alberta |
| A multi-platform approach to the functional assessment of ASD gene variants | $120,000 | Q3.Other | University of British Columbia |
| Rapid screening for cortical circuit dysfunction in autism-related mouse models | $0 | Q2.S.D | University of California, Berkeley |
| How do autism-related mutations affect basal ganglia function? | $125,000 | Q4.S.B | University of California, Berkeley |
| Immune signaling in the developing brain in mouse models of ASD | $200,000 | Q2.S.A | University of California, Davis |
| Characterization of brain and behavior in 7q11.23 duplication syndrome-Project 1 | $103,684 | Q4.S.B | University of California, Davis |
| 16p11.2 deletion mice: autism-relevant phenotypes and treatment discovery | $0 | Q4.S.B | University of California, Davis |
| A functional genomic analysis of the cerebral cortex | $0 | Q2.Other | University of California, Los Angeles |
| Modeling multiple heterozygous genetic lesions in autism using Drosophila melanogaster | $101,373 | Q2.Other | University of California, Los Angeles |
| Simons Simplex Collection support grant | $13,200 | Q3.L.B | University of California, Los Angeles |
| Dosage effects of 22q11 region on autism-relevant neural systems | $0 | Q3.S.A | University of California, Los Angeles |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Role of Caspr2 (CNTNAP2) in brain circuits - Project 2 | $0 | Q4.S.B | University of California, Los Angeles |
| Exploring VIPR2 microduplication linkages to autism in a mouse model | $42,000 | Q4.S.B | University of California, Los Angeles |
| Linking cortical circuit dysfunction and abnormal behavior in genetic mouse models of autism | $268,210 | Q4.S.B | University of California, Los Angeles |
| A multidimensional database for the Simons Simplex Collection | $0 | Q7.Other | University of California, Los Angeles |
| Atypical architecture of prefrontal cortex in young children with autism | $0 | Q2.Other | University of California, San Diego |
| Mutations in noncoding DNA and the missing heritability of autism | $244,030 | Q3.L.B | University of California, San Diego |
| Development of a blood-based biomarker for autism | $124,993 | Q1.L.A | University of California, San Francisco |
| Sexually dimorphic gene-expression and regulation to evaluate ASD sex bias | $125,000 | Q2.S.B | University of California, San Francisco |
| Linking circuit dynamics and behavior in a rat model of autism | $0 | Q2.S.D | University of California, San Francisco |
| A gene-driven systems approach to identifying autism pathology | $998,627 | Q2.S.G | University of California, San Francisco |
| Simons Variation in Individuals Project (VIP) Functional Imaging Site | $385,668 | Q2.S.G | University of California, San Francisco |
| Investigating Wnt signaling variants in mouse models of ASD | $0 | Q4.S.B | University of California, San Francisco |
| Microcircuit endophenotypes for autism | $62,500 | Q4.S.B | University of California, San Francisco |
| In vivo approach to screen ASD allele functions in cortical interneurons | $125,000 | Q4.S.B | University of California, San Francisco |
| The Role of Cation/Proton Exchanger NHE9 in Autism | $125,000 | Q4.S.B | University of California, San Francisco |
| CHD8 and beta-catenin signaling in autism | $125,000 | Q4.S.B | University of Chicago |
| Dosage effects of DUF1220 gene subtype CON1 in autism | $125,000 | Q3.L.B | University of Colorado, Denver |
| Social interaction and reward in autism: Possible role for ventral tegmental area | $0 | Q2.Other | University of Geneva |
| Dysregulation of Mdm2-mediated p53 ubiquitination in autism mouse models | $0 | Q2.S.D | University of Illinois at Chicago |
| Beta-catenin signaling in autism spectrum disorders | $0 | Q2.S.G | University of Illinois at Chicago |
| Simons Simplex Collection support grant | $9,159 | Q3.L.B | University of Illinois at Chicago |
| 16p11.2 rearrangements: Genetic paradigms for neurodevelopmental disorders | $100,000 | Q2.S.D | University of Lausanne |
| Children with 7q11.23 duplication syndrome: shared characteristics with autism | $125,000 | Q2.S.G | University of Louisville |
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| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| The early development of attentional mechanisms in ASD | $178,903 | Q1.L.B | University of Massachusetts, Boston |
| The IL-17 pathway in the rodent model of autism spectrum disorder | $90,000 | Q2.S.A | University of Massachusetts, Worcester |
| Dendritic 'translatome' in fragile X syndrome and autism | $0 | Q2.S.D | University of Michigan |
| Simons Simplex Collection support grant | $10,000 | Q3.L.B | University of Missouri |
| Correcting excitatory-inhibitory imbalance in autism | $225,000 | Q2.Other | University of North Carolina |
| Visualizing neural circuits of social sensory processing | $62,500 | Q2.Other | University of North Carolina |
| University of North Carolina Clinical Site Network Pilot for the National Autism Cohort | $24,750 | Q3.L.B | University of North Carolina |
| SFARI Undergraduate Summer Research Program | $22,777 | Q7.K | University of North Carolina |
| Contribution of cerebellar CNTNAP2 to autism in a mouse model | $0 | Q2.Other | University of Oxford |
| Role of Selfish Spermatogonial Selection in Neurocognitive Disorders | $59,995 | Q3.L.B | University of Oxford |
| Validation of a diffusion imaging biomarker of autism | $125,000 | Q7.D | University of Oxford |
| Statistical methodology and analysis of the Simons Simplex Collection and related data | $197,422 | Q2.S.G | University of Pennsylvania |
| Safety, Efficacy and Basis of Oxytocin and Brain Stimulation Therapy in ASD | $114,583 | Q4.S.B | University of Pennsylvania |
| Comprehensive Phenotyping of Autism Mouse Models | $0 | Q4.S.B | University of Pennsylvania |
| Interactome perturbation by large-scale mutagenesis to find risk variants - Project 1 | $24,172 | Q3.Other | University of Pittsburgh |
| Developing Scalable Measures of Behavior Change for ASD Treatments- Project 3 | $70,914 | Q1.L.C | University of Southern California |
| Evaluation of a melanocortin agonist to improve social cognition in autism | $0 | Q4.L.A | University of Sydney |
| Identification of candidate serum antibody biomarkers for ASD | $0 | Q1.L.B | University of Texas Southwestern Medical Center |
| Mechanisms of synapse elimination by autism-linked genes | $0 | Q2.S.D | University of Texas Southwestern Medical Center |
| Characterization of brain and behavior in 7q11.23 duplication syndrome-Core | $138,402 | Q4.S.B | University of Toronto |
| Combining WGS from Utah high-risk pedigrees and SSC families | $0 | Q3.L.B | University of Utah |
| Bone marrow transplantation and the role of microglia in autism | $62,380 | Q2.S.A | University of Virginia |
| Evaluating pupil size as a diagnostic tool in autism | $10,039 | Q1.L.A | University of Washington |
| Neural mechanisms underlying autism behaviors in SCN1A mutant mice | $100,000 | Q2.S.D | University of Washington |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Simons Variation in Individuals Project (VIP) Site | $275,599 | Q2.S.G | University of Washington |
| Simons Simplex Collection support grant | $10,000 | Q3.L.B | University of Washington |
| University of Washington Clinical Site Network Pilot for the National Autism Cohort | $37,500 | Q3.L.B | University of Washington |
| Genetic basis of phenotypic variability in 16p11.2 deletion or duplication | $285,856 | Q3.L.B | University of Washington |
| Structural Variation and the Genetic Architecture of Autism | $0 | Q3.L.B | University of Washington |
| Genome Sequencing pilot of Simons Simplex Collection | $0 | Q3.L.B | University of Washington |
| Autism subtypes by gene characterization | $318,824 | Q3.S.A | University of Washington |
| Fragile X syndrome target analysis and its contribution to autism | $124,725 | Q2.S.D | Vanderbilt University |
| Simons Simplex Collection support grant | $8,912 | Q3.L.B | Vanderbilt University |
| Exploring links between multisensory and cognitive function in autism | $0 | Q4.Other | Vanderbilt University |
| Venividi Solutions LLC | $135,351 | Q7.N | Venividi Solutions LLC |
| VIP Family Meetings | $194,646 | Q2.S.G | VIP Family Meetings |
| Genome-wide analysis of cis-regulatory elements in autism | $62,500 | Q3.L.B | Washington University in St. Louis |
| Advancing a Standardized Research Protocol to Study Treatment Effects in Individuals with Autism Spectrum Disorder | $151,092 | Q1.L.C | Weill Cornell Medical College |
| Developing Scalable Measures of Behavior Change for ASD Treatments - Core | $110,037 | Q1.L.C | Weill Cornell Medical College |
| Pathogenic roles of paternal-age-associated mutations in autism | $62,500 | Q2.Other | Weill Cornell Medical College |
| Simons Simplex Collection support grant | $1,831 | Q3.L.B | Weill Cornell Medical College |
| Comprehensive phenotypic characterization of the 17q12 deletion syndrome | $0 | Q2.S.G | Weis Center for Research - Geisinger Clinc |
| Local connectivity in altered excitation/inhibition balance states | $0 | Q2.Other | Weizmann Institute of Science |
| Role of Caspr2 (CNTNAP2) in brain circuits- Core | $0 | Q4.S.B | Weizmann Institute of Science |
| Biomarkers of Emotion Regulation, Social Response & Social Attention in ASD | $124,827 | Q1.L.C | Women & Infants Hospital |
| Tracking Intervention Effects with Eye Tracking | $124,982 | Q1.L.C | Yale University |
| Functional analysis of EPHB2 mutations in autism - Project 1 | $0 | Q2.Other | Yale University |
| Regulation of cortical circuits by tsc1 in GABAergic interneurons | $0 | Q2.S.B | Yale University |

| Project Title | Funding | Strategic Plan Objective | Institution |
|---|---|---|---|
| Disrupted Network Activity in Neonatal Cortex of Mouse Models of Autism | $125,000 | Q2.S.B | Yale University |
| Role of GABA interneurons in a genetic model of autism | $0 | Q2.S.D | Yale University |
| Genetic investigations of motor stereotypies | $0 | Q2.S.G | Yale University |
| Simons Simplex Collection support grant | $10,000 | Q3.L.B | Yale University |
| Extending ASD risk locus discovery to the non-coding genome - Project 2 | $0 | Q3.L.B | Yale University |
| High-throughput drug discovery in zebrafish models of ASD risk genes | $62,500 | Q4.S.B | Yale University |
| Optimizing social effects of oxytocin with opioid blocker | $59,995 | Q4.S.C | Yale University |
| SFARI Undergraduate Summer Research Program | $22,452 | Q7.K | Yale University |